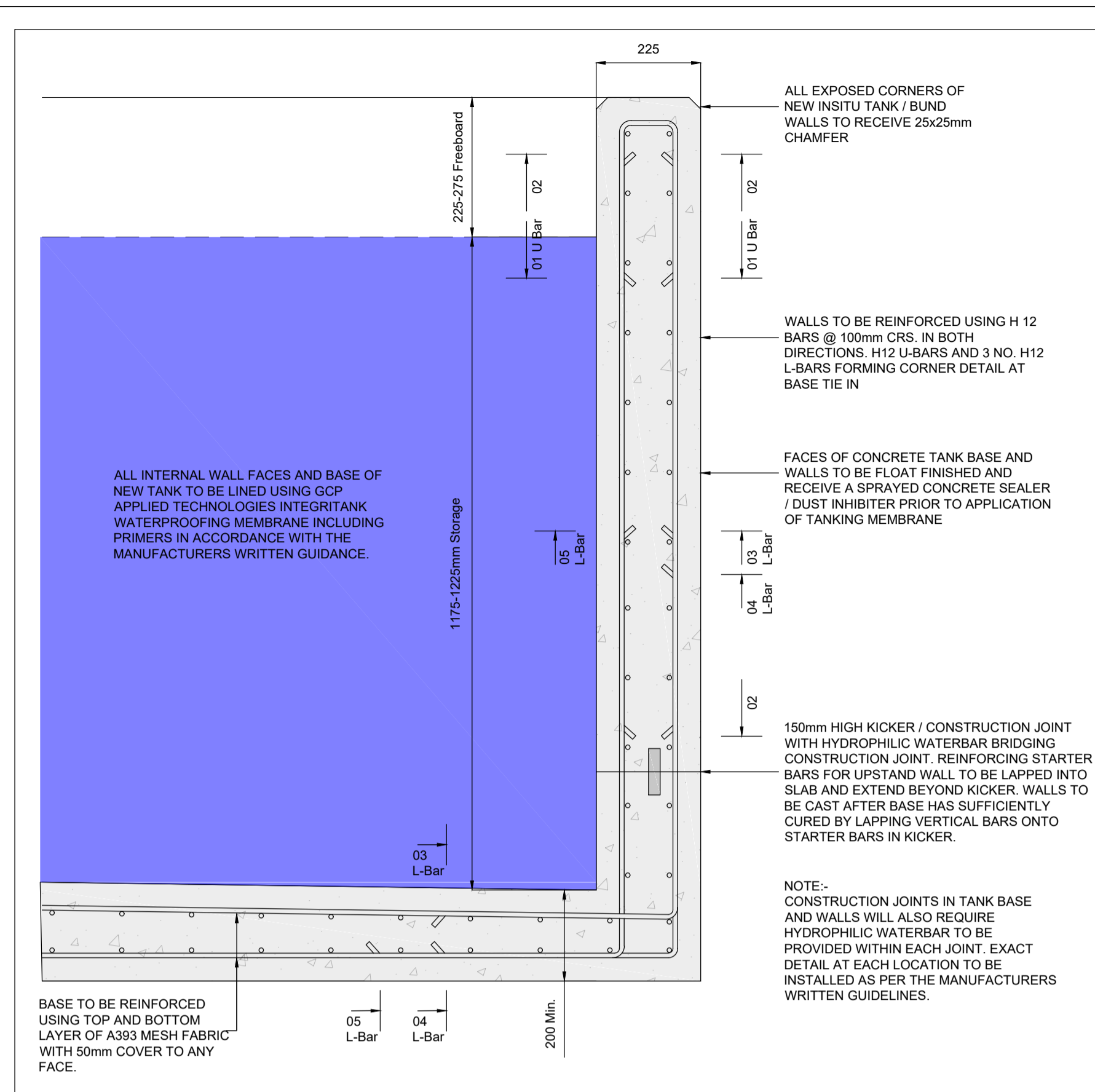
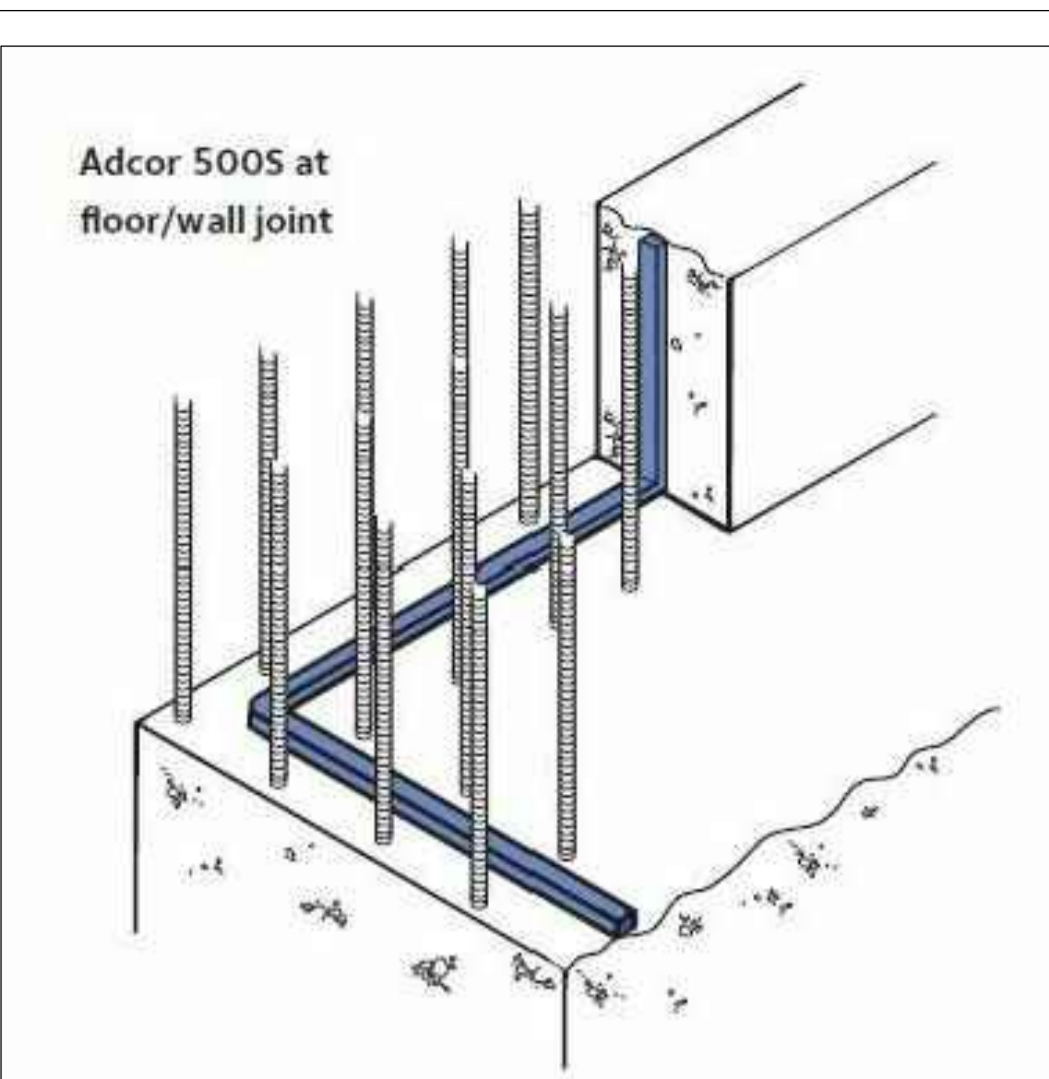


Ground Plan Showing Arrangement of Containment System
Scale 1:100



Typical Section Through New Tank / Bund Wall Showing Waterbar
Scale 1:10

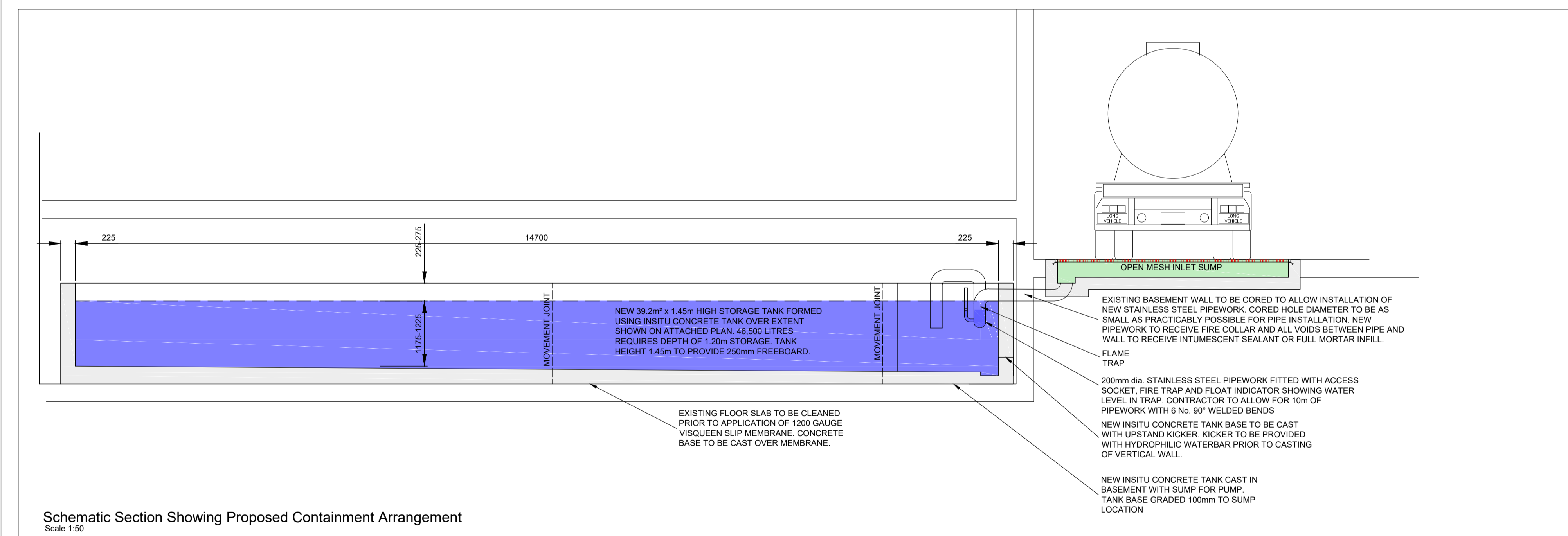


TYPICAL HYDROPHILIC WATERBAR ARRANGEMENT AT WALL KICKER

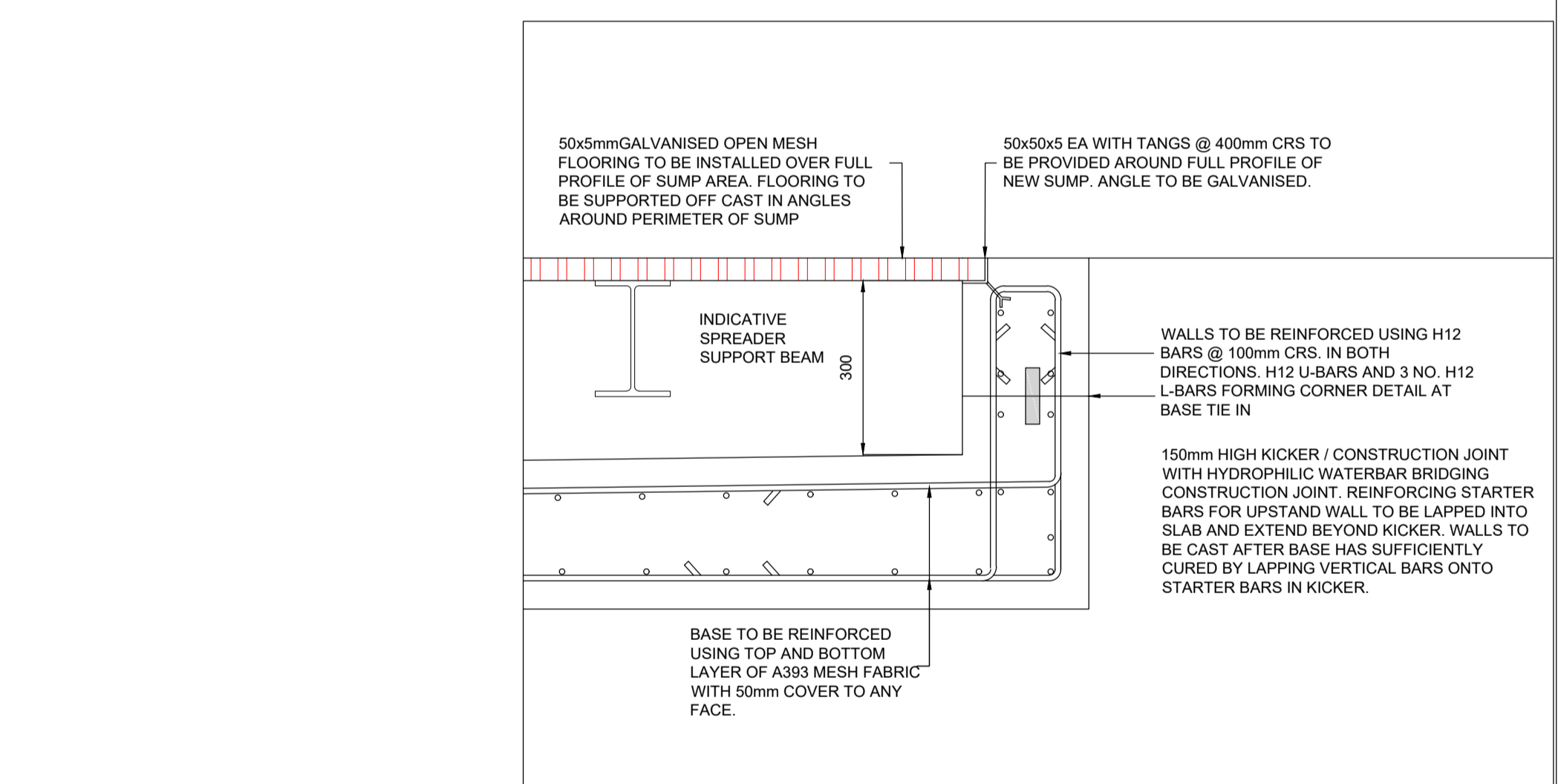
NOTES:-

CONTRACTOR SHOULD ALLOW IN THEIR TENDERS RETURNS FOR LIFTING EXISTING COBBLED SURFACING, SETTING ASIDE AND REINSTATING AT NEW INLET SUMP / PIPEWORK LOCATIONS IN INTERNAL YARD AREA. ALLOWANCE FOR REINSTATEMENT OF 10m2 SHOULD BE INCLUDED IN TENDER RETURN.

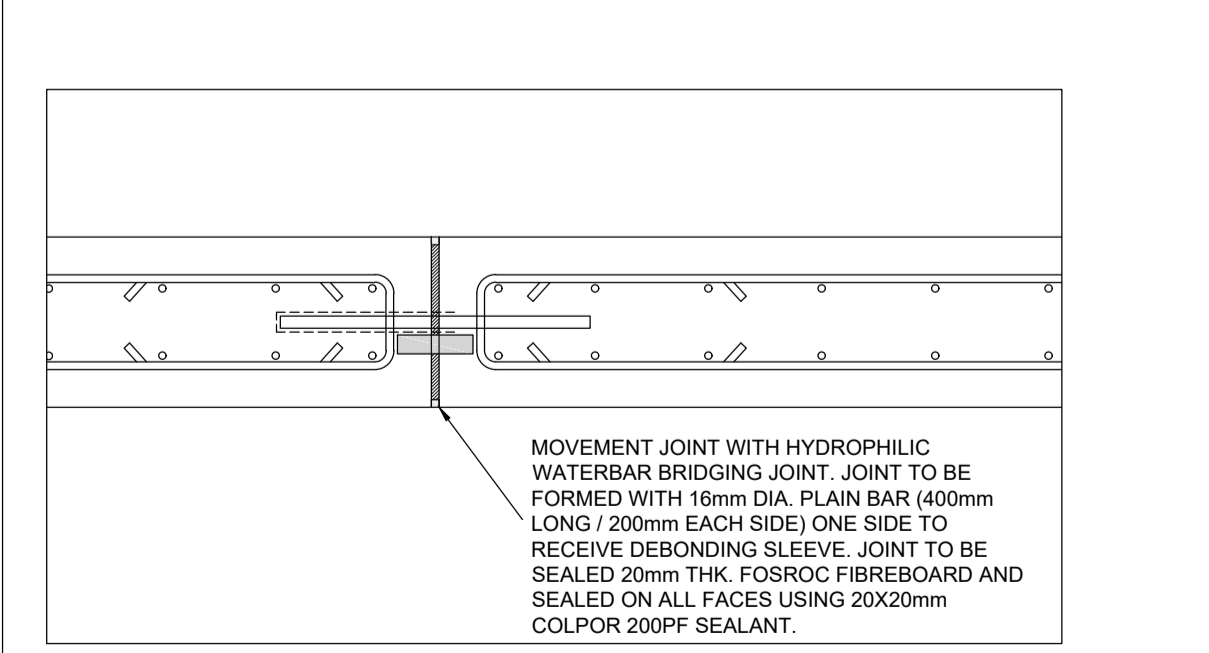
AN ALLOWANCE SHOULD ALSO BE PROVIDED TO ACCOMMODATE THE RESTRICTED ACCESS TO THE BASEMENT AREA WITH REGARD THE DELIVERY OF CONCRETE / MANUAL HANDLING OF REINFORCING BARS, Etc.



Schematic Section Showing Proposed Containment Arrangement
Scale 1:50



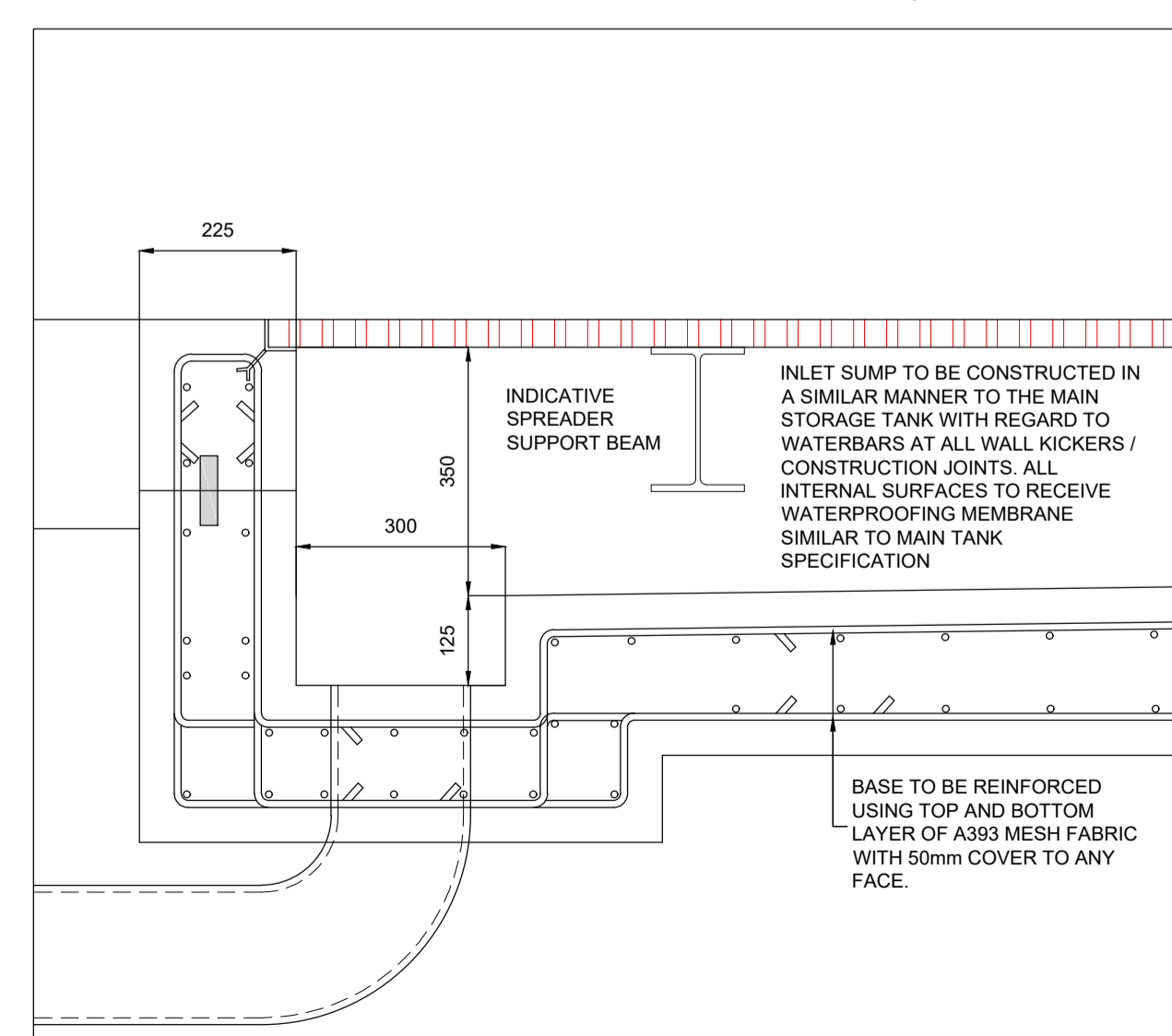
Section Through Inlet Sump
Scale 1:10



Typical Movement Joint at Midspan of Wall and Corners
Scale 1:10

CONCRETE NOTES:-

- ALL BELOW GROUND WORKS TO BE IN ACCORDANCE WITH BS 8004 2015 'CODE OF PRACTICE FOR FOUNDATIONS'.
- ALL CONCRETE TO BE IN ACCORDANCE WITH BS EN 1992-1-1:2004+A1:2014 (INCLUDING ALL AMENDMENTS), BS EN 1992-3:2006 (WHERE APPLICABLE) AND THE SPECIFICATION.
- CONCRETE GRADES TO BE MIN:
NEW BUNDED TANK: RC35
- ALL REINFORCEMENT BARS SHALL BE IN ACCORDANCE WITH BS 4449 WITH YIELD STRENGTH OF 500N/mm² FOR BARS DENOTED H. ALL WIRE MESH SHALL BE IN ACCORDANCE WITH BS 4442 AND BS 4443 WITH A MINIMUM YIELD STRENGTH OF 500N/mm². ALL HIGH YIELD BARS TO BE DEFORMED TYPE 2.
- ALL CONCRETE SOFFITS AND SIDES THAT ARE CAST AGAINST GROUND SHALL BE PROTECTED BY 50mm BLINDING, POLYTHENE SHEETING OR SHUTTERING WHILE IN THE WET STATE.
- SURFACES OF ALL CONCRETE FLOOR SLABS NOT RECEIVING DIRECT FINISHES ARE TO BE SEALED WITH A PROPRIETARY SURFACE HARDENING/DUST AGENT COMPATIBLE WITH THE TYPE OF CONCRETE PLACED. CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE ENGINEER PRIOR TO PLACEMENT. ALL OTHER FINISHES ARE TO BE AS SPECIFIED BY THE ENGINEER.
- ALL HOLES THROUGH SLABS AND WALLS 300mm DIAMETER OR SQUARE AND LARGER, ARE SHOWN ON CHARLES SCOTT & PARTNERS DRAWINGS. THE CONTRACTOR SHALL REFER TO THE SERVICES ENGINEER'S DRAWINGS FOR ALL SMALLER PENETRATIONS THROUGH SLABS AND FOR ALL DETAILS OF PUDDLE FLANGES, DRAINAGE, LIGHTENING PROTECTION, SERVICE RUNS BETWEEN PENETRATIONS, DUCTS THROUGH HOLES, DRIP NOTCHES, ASPHALT TUCKS AND CHASES ETC. THE CONTRACTOR SHALL SEEK CONFIRMATION FROM THE ENGINEER THAT THE LOCATION OF ALL SMALL SERVICE PENETRATIONS ARE ACCEPTABLE.
- THE CONTRACTOR IS RESPONSIBLE FOR THE WATER STOPPING OF ALL PENETRATIONS THROUGH WALLS / BASES UNLESS DETAILED BY THE ENGINEER.
- FOR DETAILS OF FALLS IN FLOOR SLABS, REFER TO ENGINEER'S DRAWINGS.
- COVER TO REINFORCEMENT TO BE AS SHOWN ON DRAWINGS.
- REINFORCEMENT IS SCHEDULED IN ACCORDANCE WITH BS 8666 : 2005.
- MINIMUM BAR LAPS TO BE:
H10 = 400mm
H12 = 450mm
MINIMUM LAP FOR MESH TO BE 400mm.
- SUFFICIENT CHAIR BARS IN ALL SLABS AND FOUNDATIONS ARE TO BE PROVIDED TO SUPPORT THE TOP REINFORCEMENT IN ITS SPECIFIED POSITION.



Section Through Inlet Sump Outlet
Scale 1:10

Rev.	Description	Date	Initials	Checked
F	Tank Volume Increased	Feb-21	BM	
E	Tank Position Updated	Feb-21	BM	
D	Updated to Billing Status	Jan-21	BM	
C	Concrete Tank Arrangement Incorporated	Jan-21	BM	
B	Tank Arrangement Amended	Nov-20	BM	
A	Single tank in C Bond Basement Incorporated	Nov-20	BM	

Status	Billing
Client	Chivas Brothers Pernod Ricard
Location	Plymouth Distillery
Drawing Title	Tanker Bay Containment Proposals
Insty Concrete Tank	
Date	01/20
Drawn by	W.H.
Scale	1:100.0 @ A1
Checked by	
Date	
Project Ref.	8823
Orig. No.	C004
Rev.	F

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